

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1647CJN

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08 "Ask CAS" for self-help around the clock
NEWS	3	Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09 ZDB will be removed from STN
NEWS	5	Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03 New e-mail delivery for search results now available
NEWS	10	Jun 10 MEDLINE Reload
NEWS	11	Jun 10 PCTFULL has been reloaded
NEWS	12	Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22 USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29 Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30 NETFIRST to be removed from STN
NEWS	16	Aug 08 CANCERLIT reload
NEWS	17	Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08 NTIS has been reloaded and enhanced
NEWS	19	Aug 09 JAPIO to be reloaded August 25, 2002
NEWS	20	Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	21	Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	22	Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	23	Aug 26 Sequence searching in REGISTRY enhanced
NEWS EXPRESS		February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:08:57 ON 30 AUG 2002

=> FILE Registry	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 16:09:10 ON 30 AUG 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 29 AUG 2002 HIGHEST RN 445455-71-0  
DICTIONARY FILE UPDATES: 29 AUG 2002 HIGHEST RN 445455-71-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s basic fibroblast growth factor  
3907 BASIC  
3 BASICS  
3907 BASIC  
(BASIC OR BASICS)  
2908 FIBROBLAST  
7 FIBROBLASTS  
2914 FIBROBLAST  
(FIBROBLAST OR FIBROBLASTS)  
11464 GROWTH  
59039 FACTOR  
245 FACTORS  
59189 FACTOR  
(FACTOR OR FACTORS)  
L1 612 BASIC FIBROBLAST GROWTH FACTOR  
(BASIC(W) FIBROBLAST(W) GROWTH(W) FACTOR)

=> S L1 AND FGF-2  
252 FGF  
14184617 2  
11 FGF-2  
(FGF(W)2)  
L2 4 L1 AND FGF-2

=> D L2 1-4

L2 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2002 ACS  
RN 246536-00-5 REGISTRY  
CN **Basic fibroblast growth factor-binding protein (cattle) (9CI)**  
(CA INDEX NAME)

OTHER NAMES:

CN **FGF-2-binding protein (cattle)**  
CN GenBank AJ003123-derived protein GI 3021307  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA

LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2002 ACS  
RN 206324-33-6 REGISTRY  
CN **DNA (cattle basic fibroblast growth factor-binding protein cDNA plus flanks) (9CI)** (CA INDEX NAME)

OTHER NAMES:

CN **DNA (cattle FGF-2-binding protein cDNA plus flanks)**  
CN GenBank AJ003123  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2002 ACS  
RN 148047-26-1 REGISTRY  
CN **Kinase (phosphorylating), basic fibroblast growth factor receptor (9CI)** (CA INDEX NAME)

OTHER NAMES:

CN **Basic fibroblast growth factor receptor kinase**  
CN **Basic fibroblast growth factor receptor tyrosine kinase**  
CN **FGF-2 receptor tyrosine kinase**  
CN Flg receptor tyrosine kinase  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
22 REFERENCES IN FILE CA (1967 TO DATE)  
22 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2002 ACS  
RN 106096-93-9 REGISTRY  
CN **Fibroblast growth factor, basic (9CI)** (CA INDEX NAME)

OTHER NAMES:

CN **Astroglial growth factor 2**  
CN **Basic astroglial growth factor**  
CN **Basic FGF**  
CN **Basic fibroblast growth factor**  
CN **FGF 2**  
CN **Fibroblast growth factor 2**  
CN **Growth factors (animal), astroglial growth factor 2**  
CN **Growth factors (animal), basic fibroblast growth factor**  
CN **Heparin-binding growth factor 2**  
DR 164003-40-1  
MF Unspecified  
CI COM, MAN  
SR CA  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CEN, CHEMCATS, CIN, CSCHEM, DRUGPAT, DRUGUPDATES, EMBASE, IPA, MRCK\*, PROMT, RTECS\*, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
7768 REFERENCES IN FILE CA (1967 TO DATE)  
152 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
7779 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> S FGF-2  
252 FGF  
14184617 2  
L3 11 FGF-2  
(FGF(W)2)

=> S L3 AND bFGF  
2 BFGF  
L4 0 L3 AND BFGF

=> S L3 AND basic  
3907 BASIC  
3 BASICS  
3907 BASIC  
(BASIC OR BASICS)  
L5 9 L3 AND BASIC

=> D L5 1-9

L5 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2002 ACS  
RN 383207-33-8 REGISTRY  
CN **Fibroblast growth factor, basic (human 155 amino acid isoform)**  
(9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 7: PN: W00198346 SEQID: 8 claimed protein  
CN **FGF-2 (human 155 amino acid isoform)**  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2002 ACS  
RN 383207-32-7 REGISTRY  
CN **Fibroblast growth factor, basic (cattle 155 amino acid isoform)**  
(9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 5: PN: W00198346 SEQID: 6 claimed protein  
CN **FGF-2 (cattle 155 amino acid isoform)**  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2002 ACS  
RN 383207-31-6 REGISTRY  
CN **fibroblast growth factor, basic (human 146 amino acid isoform)**  
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3: PN: WO0198346 SEQID: 4 claimed protein  
CN **FGF-2 (human 146 amino acid isoform)**  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2002 ACS  
RN 383207-30-5 REGISTRY  
CN **fibroblast growth factor, basic (cattle 146 amino acid isoform)**  
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN **FGF-2 (cattle 146 amino acid isoform)**  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2002 ACS  
RN 246536-00-5 REGISTRY  
CN **Basic fibroblast growth factor-binding protein (cattle) (9CI)**  
(CA INDEX NAME)

OTHER NAMES:

CN **FGF-2-binding protein (cattle)**  
CN GenBank AJ003123-derived protein GI 3021307  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2002 ACS  
RN 206324-33-6 REGISTRY  
CN **DNA (cattle basic fibroblast growth factor-binding protein cDNA plus flanks) (9CI)** (CA INDEX NAME)

OTHER NAMES:

CN **DNA (cattle FGF-2-binding protein cDNA plus flanks)**  
CN GenBank AJ003123  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2002 ACS  
RN 148047-26-1 REGISTRY  
CN **Kinase (phosphorylating), basic fibroblast growth factor receptor (9CI)** (CA INDEX NAME)

OTHER NAMES:

CN **Basic fibroblast growth factor receptor kinase**  
CN **Basic fibroblast growth factor receptor tyrosine kinase**  
CN **FGF-2 receptor tyrosine kinase**  
CN Flg receptor tyrosine kinase  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
22 REFERENCES IN FILE CA (1967 TO DATE)  
22 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2002 ACS  
RN 106096-93-9 REGISTRY  
CN **Fibroblast growth factor, basic (9CI)** (CA INDEX NAME)

OTHER NAMES:

CN **Astroglial growth factor 2**  
CN **Basic astroglial growth factor**  
CN **Basic FGF**  
CN **Basic fibroblast growth factor**  
CN **FGF 2**  
CN **Fibroblast growth factor 2**  
CN **Growth factors (animal), astroglial growth factor 2**  
CN **Growth factors (animal), basic fibroblast growth factor**  
CN **Heparin-binding growth factor 2**  
DR 164003-40-1  
MF Unspecified  
CI COM, MAN  
SR CA  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,  
CA, CAPLUS, CEN, CHEMCATS, CIN, CSCHM, DRUGPAT, DRUGUPDATES, EMBASE,  
IPA, MRCK\*, PROMT, RTECS\*, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
7768 REFERENCES IN FILE CA (1967 TO DATE)  
152 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
7779 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2002 ACS  
RN 99400-52-9 REGISTRY  
CN **Fibroblast growth factor, basic (cattle pituitary reduced) (9CI)**  
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Fibroblast growth factor, basic (ox pituitary reduced)**

OTHER NAMES:

CN 2: PN: WO0013701 SEQID: 1 claimed protein  
CN 2: PN: WO0072004 FIGURE: 20 unclaimed sequence  
CN 2: PN: WO0137855 SEQID: 2 claimed protein  
CN 9: PN: WO0021548 SEQID: 5 claimed protein  
CN **bovine FGF-2**  
CN **Fibroblast growth factor, basic (cattle)**  
CN **Fibroblast growth factor, basic (ox)**  
FS PROTEIN SEQUENCE  
DR 122932-54-1  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
15 REFERENCES IN FILE CA (1967 TO DATE)  
15 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> FILE CAPLUS		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	63.20	63.41

FILE 'CAPLUS' ENTERED AT 16:13:06 ON 30 AUG 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 30 Aug 2002 VOL 137 ISS 10  
FILE LAST UPDATED: 29 Aug 2002 (20020829/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> S 106096-93-9

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

=> D L7 AND astrocyt#  
 'AND' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'  
 'ASTROCYT#' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB  
 ALL ----- BIB, AB, IND, RE  
 APPS ----- AI, PRAI  
 BIB ----- AN, plus Bibliographic Data and PI table (default)  
 CAN ----- List of CA abstract numbers without answer numbers  
 CBIB ----- AN, plus Compressed Bibliographic Data  
 DALL ----- ALL, delimited (end of each field identified)  
 DMAX ----- MAX, delimited for post-processing  
 FAM ----- AN, PI and PRAI in table, plus Patent Family data  
 FBIB ----- AN, BIB, plus Patent FAM  
 IND ----- Indexing data  
 IPC ----- International Patent Classifications  
 MAX ----- ALL, plus Patent FAM, RE  
 PATS ----- PI, SO  
 SAM ----- CC, SX, TI, ST, IT  
 SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;  
                   SCAN must be entered on the same line as the DISPLAY,  
                   e.g., D SCAN or DISPLAY SCAN)  
 STD ----- BIB, IPC, and NCL

IABS ----- ABS, indented with text labels  
 IALL ----- ALL, indented with text labels  
 IBIB ----- BIB, indented with text labels  
 IMAX ----- MAX, indented with text labels  
 ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)  
 OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
 SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms  
 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)  
                   containing hit terms  
 HITRN ----- HIT RN and its text modification  
 HITSTR ----- HIT RN, its text modification, its CA index name, and  
                   its structure diagram  
 HITSEQ ----- HIT RN, its text modification, its CA index name, its  
                   structure diagram, plus NTE and SEQ fields  
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and  
                   its structure diagram  
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its  
                   structure diagram, plus NTE and SEQ fields  
 KWIC ----- Hit term plus 20 words on either side  
 OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.



All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.  
ENTER DISPLAY FORMAT (BIB):IBIB

L7 ANSWER 1 OF 7780 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2002:624504 CAPLUS  
DOCUMENT NUMBER: 137:129932  
TITLE: Injectable biocompatible and biodegradable compositions containing a hyaluronic acid derivative and chondrogenic cells for treatment of cartilaginous defects  
INVENTOR(S): Radice, Marco; Pastorello, Andrea; Pavesio, Alessandra; Callegaro, Lanfranco  
PATENT ASSIGNEE(S): Fidia Advanced Biopolymers S.r.l., Italy  
SOURCE: Ital., 17 pp.  
CODEN: ITXXBY  
DOCUMENT TYPE: Patent  
LANGUAGE: Italian  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
IT 1302534	B1	20000905	IT 1998-PD298	19981221
WO 2000037124	A1	20000629	WO 1999-IB2077	19991221
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002076810	A1	20020620	US 2001-887757	20010621
PRIORITY APPLN. INFO.:			IT 1998-PD298	A 19981221
			WO 1999-IB2077	A1 19991221

=> S 106096-93-9

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L9 7780 L8

=> S L9 AND astrocyt?  
15909 ASTROCYT?  
L10 403 L9 AND ASTROCYT?

=> S L10 AND neuro?  
391259 NEURO?  
L11 349 L10 AND NEURO?

=> S L11 AND oligodendrocyt?  
4403 OLIGODENDROCYT?  
L12 82 L11 AND OLIGODENDROCYT?

=> S L12 AND differentiat?\
199394 DIFFERENTIAT?\
(DIFFERENTIAT?)
L13 61 L12 AND DIFFERENTIAT?\

=> S L12 AND differentiat?
199394 DIFFERENTIAT?
L14 61 L12 AND DIFFERENTIAT?

=> S L14 AND in vitro'
QUERY PROCESSING INTERRUPTED
The system was temporarily unable to process your query. If this
message appears repeatedly, please notify the Help Desk. Enter "HELP
STN" for information on contacting the nearest STN Help Desk by
telephone or via SEND in the STNMAIL file.

=> S L14 AND in vitro
512164 VITRO
67 VITROS
512230 IN VITRO
(VITRO OR VITROS)
L15 30 L14 AND IN VITRO

=> D L15 IBIB

L15 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:158512 CAPLUS
DOCUMENT NUMBER: 136:162330
TITLE: Human neural stem cell capable of expressing transgene
gene and its isolation and preparation
INVENTOR(S): Zhu, Jianhong
PATENT ASSIGNEE(S): Huashan Hospital attached to Medical College of Fudan
Univ., Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 10 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
CN 1299867	A	20010620	CN 2000-127979	20001222

=> D L15 2-15 IBIB

L15 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:923569 CAPLUS
DOCUMENT NUMBER: 136:34301
TITLE: Transdifferentiation of glial cells
INVENTOR(S): Salin-Nordstrom, Tuiga Helina
PATENT ASSIGNEE(S): Spinal Cord Society, USA
SOURCE: PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2001095861	A2	20011220	WO 2001-US40971	20010614

AU 2001067091	A5	20011224	AU 2001-67091		20010614
PRIORITY APPLN. INFO.:			US 2000-212240P	P	20000616
			US 2000-644498	A	20000823
			WO 2001-US40971	W	20010614

L15 ANSWER 4 OF 30 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2001:693474 CAPLUS  
DOCUMENT NUMBER: 135:238973  
TITLE: Embryonic stem cells and neural progenitor cells  
derived therefrom  
INVENTOR(S): Pera, Martin Frederick; Ben-Hur, Tamir  
PATENT ASSIGNEE(S): Monash University, Australia; National University of  
Singapore; Hadasit Medical Research Services and  
Development Company Limited; Reubinoff  
SOURCE: PCT Int. Appl., 125 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:599339 CAPLUS  
DOCUMENT NUMBER: 135:316321  
TITLE: Efficient gene transfer in mouse neural precursors with a bicistronic retroviral vector  
AUTHOR(S): Franceschini, Isabelle A.; Feigenbaum-Lacombe, Valerie; Casanova, Philippe; Lopez-Lastra, Marcelo; Darlix, Jean-Luc; Dalcq, Monique Dubois  
CORPORATE SOURCE: Unite de Neurovirologie et Regeneration du Systeme Nerveux, Pasteur Institute, Paris, 75724, Fr.  
SOURCE: Journal of Neuroscience Research (2001), 65(3), 208-219  
CODEN: JNREDK; ISSN: 0360-4012  
PUBLISHER: Wiley-Liss, Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:597812 CAPLUS  
DOCUMENT NUMBER: 135:164458  
TITLE: Isolation and transplantation of retinal stem cells  
INVENTOR(S): Young, Michael J.; Klassen, Henry; Shatos, Marie A.; Mizumoto, Keiko  
PATENT ASSIGNEE(S): Schepens Eye Research Institute, Inc., USA  
SOURCE: PCT Int. Appl., 56 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001058460	A1	20010816	WO 2001-US4419	20010212
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				

PRIORITY APPLN. INFO.: US 2000-181723P P 20000211  
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 7 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:459551 CAPLUS  
DOCUMENT NUMBER: 135:299036  
TITLE: Isolation of multipotent neural precursors residing in the cortex of the adult human brain  
AUTHOR(S): Arsenijevic, Yvan; Villemure, Jean-Guy; Brunet, Jean-Francois; Bloch, Jocelyne J.; Deglon, Nicole; Kostic, Corinne; Zurn, Anne; Aebischer, Patrick  
CORPORATE SOURCE: Gene Therapy Center & Surgical Research Division, Lausanne University Medical School, Lausanne, 1011, Switz.  
SOURCE: Experimental Neurology (2001), 170(1), 48-62  
CODEN: EXNEAC; ISSN: 0014-4886  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 8 OF 30 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2001:9699 CAPLUS  
DOCUMENT NUMBER: 134:66429  
TITLE: Adult spinal cord stem cells generate **neurons**  
after transplantation in the adult dentate gyrus  
AUTHOR(S): Shihabuddin, Lamy S.; Horner, Philip J.; Ray,  
Jasodhara; Gage, Fred H.  
CORPORATE SOURCE: Laboratory of Genetics, The Salk Institute, La Jolla,  
CA, 92037, USA  
SOURCE: Journal of Neuroscience (2000), 20(23), 8727-8735  
CODEN: JNRSDS; ISSN: 0270-6474  
PUBLISHER: Society for Neuroscience  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 9 OF 30 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:589567 CAPLUS  
DOCUMENT NUMBER: 133:261810  
TITLE: Characterization and intraspinal grafting of  
EGF/bFGF-dependent **neurospheres** derived from  
embryonic rat spinal cord  
AUTHOR(S): Chow, S. Y.; Moul, J.; Tobias, C. A.; Himes, B. T.;  
Liu, Y.; Obrocka, M.; Hodge, L.; Tessler, A.; Fischer,  
I.  
CORPORATE SOURCE: Department of Neurobiology and Anatomy, MCP Hahnemann  
University, Philadelphia, PA, 19129, USA  
SOURCE: Brain Research (2000), 874(2), 87-106  
CODEN: BRREAP; ISSN: 0006-8993  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 10 OF 30 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:225377 CAPLUS  
DOCUMENT NUMBER: 132:330138  
TITLE: Down-regulation of mu-opioid receptor expression in  
rat **oligodendrocytes** during their  
development in **vitro**  
AUTHOR(S): Tryoen-Toth, P.; Gaveriaux-Ruff, C.; Labourdette, G.  
CORPORATE SOURCE: Laboratory of Neurobiology of Development and  
Regeneration, Centre of Neurochemistry, UPR 1352 CNRS,  
Strasbourg, 67084, Fr.  
SOURCE: Journal of Neuroscience Research (2000), 60(1), 10-20  
CODEN: JNREDK; ISSN: 0360-4012  
PUBLISHER: Wiley-Liss, Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 11 OF 30 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:224996 CAPLUS  
DOCUMENT NUMBER: 133:28804  
TITLE: Identification of Neural Progenitors in the Adult  
Mammalian Eye  
AUTHOR(S): Ahmad, Iqbal; Tang, Lin; Pham, Hao  
CORPORATE SOURCE: Department of Ophthalmology, University of Nebraska  
Medical Center, Omaha, NE, 68198-5540, USA  
SOURCE: Biochemical and Biophysical Research Communications  
(2000), 270(2), 517-521

CODEN: BBRCA9; ISSN: 0006-291X  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 12 OF 30 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:41298 CAPLUS  
DOCUMENT NUMBER: 132:149531  
TITLE: Perturbation of myelination by activation of distinct  
signaling pathways: an in *vitro* study in a  
myelinating culture derived from fetal rat brain  
AUTHOR(S): Baron, Wia; De Jonge, Jenny C.; De Vries, Hans;  
Hoekstra, Dick  
CORPORATE SOURCE: Department of Physiological Chemistry, Faculty of  
Medical Sciences, Groningen, 9713 AV, Neth.  
SOURCE: Journal of Neuroscience Research (2000), 59(1), 74-85  
CODEN: JNREDK; ISSN: 0360-4012  
PUBLISHER: Wiley-Liss, Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1999:601190 CAPLUS  
DOCUMENT NUMBER: 131:298033  
TITLE: Heparin is a unique marker of progenitors in the glial  
cell lineage  
AUTHOR(S): Stringer, Sally E.; Mayer-Proschel, Margot; Kalyani,  
Anjali; Rao, Mahendra; Gallagher, John T.  
CORPORATE SOURCE: Cancer Research Campaign, Drug Development and Imaging  
Section, Paterson Institute of Cancer Research,  
Christie Hospital, Manchester, M20 4BX, UK  
SOURCE: Journal of Biological Chemistry (1999), 274(36),  
25455-25460  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1999:524246 CAPLUS  
DOCUMENT NUMBER: 131:252993  
TITLE: Multiple roles of bone morphogenetic protein signaling  
in the regulation of cortical cell number and  
phenotype  
AUTHOR(S): Mabie, Peter C.; Mehler, Mark F.; Kessler, John A.  
CORPORATE SOURCE: Departments of Neurology and Neuroscience and the R.  
F. Kennedy Center for Research in Mental Retardation  
and Human Development, Albert Einstein College of  
Medicine, Bronx, NY, 10461, USA  
SOURCE: Journal of Neuroscience (1999), 19(16), 7077-7088  
CODEN: JNRSDS; ISSN: 0270-6474  
PUBLISHER: Society for Neuroscience  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 1998:667416 CAPLUS  
 DOCUMENT NUMBER: 130:36563  
 TITLE: Human primitive **neuroectodermal** tumor cells  
 behave as multipotent neural precursors in response to  
 FGF2  
 AUTHOR(S): Derrington, E. A.; Dufay, N.; Rudkin, B. B.; Belin,  
 M-F.  
 CORPORATE SOURCE: INSERM Unite 433, Department Neuropathology, Lyon  
 Neurological Hospital, Lyon, 69003, Fr.  
 SOURCE: Oncogene (1998), 17(13), 1663-1672  
 CODEN: ONCNES; ISSN: 0950-9232  
 PUBLISHER: Stockton Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	27.71	95.26

FILE 'STNGUIDE' ENTERED AT 16:16:54 ON 30 AUG 2002  
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
 COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE  
 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
 LAST RELOADED: Aug 23, 2002 (20020823/UP).

=> D L15 16-30 IBIB  
 YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L15 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 1998:236099 CAPLUS  
 DOCUMENT NUMBER: 129:14712  
 TITLE: A tripotential glial precursor cell is present in the  
 developing spinal cord  
 AUTHOR(S): Rao, Mahendra S.; Noble, Mark; Mayer-Proschel, Margot  
 CORPORATE SOURCE: Department of Neurobiology and Anatomy, University of  
 Utah Medical School, Salt Lake City, UT, 84132, USA  
 SOURCE: Proceedings of the National Academy of Sciences of the  
 United States of America (1998), 95(7), 3996-4001  
 CODEN: PNASA6; ISSN: 0027-8424  
 PUBLISHER: National Academy of Sciences  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L15 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 1998:37850 CAPLUS  
 DOCUMENT NUMBER: 128:149758  
 TITLE: FGF-2 is sufficient to isolate progenitors found in  
 the adult mammalian spinal cord  
 AUTHOR(S): Shihabuddin, Lamya S.; Ray, Jasodhara; Gage, Fred H.  
 CORPORATE SOURCE: Laboratory of Genetics, The Salk Institute for  
 Biological Studies, La Jolla, CA, 92037, USA  
 SOURCE: Experimental Neurology (1997), 148(2), 577-586  
 CODEN: EXNEAC; ISSN: 0014-4886  
 PUBLISHER: Academic Press  
 DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 18 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:776246 CAPLUS

DOCUMENT NUMBER: 128:32132

TITLE: Isolation, propagation, and directed  
**differentiation** of stem cells from central  
nervous system of mammals

INVENTOR(S): Johe, Karl K.

PATENT ASSIGNEE(S): Neuralstem Biopharmaceuticals, USA; Johe, Karl K.

SOURCE: PCT Int. Appl., 140 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9744442	A1	19971127	WO 1997-US7669	19970507
W: AU, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5753506	A	19980519	US 1996-719450	19960925
AU 9729341	A1	19971209	AU 1997-29341	19970507
EP 915968	A1	19990519	EP 1997-923569	19970507
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 2002064873	A1	20020530	US 2002-47352	20020114
PRIORITY APPLN. INFO.:				
			US 1996-18206P	P 19960523
			US 1996-719450	A2 19960925
			WO 1997-US7669	W 19970507
			US 1998-53414	B2 19980401
			US 1998-101354P	P 19980922
			US 1999-398897	A1 19990920

L15 ANSWER 19 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1996:716924 CAPLUS

DOCUMENT NUMBER: 126:29585

TITLE: Multipotent CNS stem cells are present in the adult  
mammalian spinal cord and ventricular  
**neuroaxis**

AUTHOR(S): Weiss, Samuel; Dunne, Christine; Hewson, Jennifer;  
Wohl, Cheryl; Wheatley, Matt; Peterson, Alan C.;  
Reynolds, Brent A.

CORPORATE SOURCE: Dep. Anatomy Pharm., Univ. Calgary Fac. Med., Calgary,  
AB, T2N4N1, Can.

SOURCE: Journal of Neuroscience (1996), 16(23), 7599-7609  
CODEN: JNRSDS; ISSN: 0270-6474

PUBLISHER: Society for Neuroscience

DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 20 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1996:371721 CAPLUS

DOCUMENT NUMBER: 125:110839

TITLE: Neural stem cell in the mammalian central nervous  
system

AUTHOR(S): Nakafuku, Masato

CORPORATE SOURCE: Div. Signal Transduction, Nara Inst. Sci. Technol.,  
Ikoma, 630-01, Japan

SOURCE: Molecular Medicine (Tokyo) (1996), 33(6), 670-677  
CODEN: MOLMEL; ISSN: 0918-6557

PUBLISHER: Nakayama Shoten

DOCUMENT TYPE: Journal; General Review



LANGUAGE: Japanese

L15 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1996:64372 CAPLUS

DOCUMENT NUMBER: 124:107183

TITLE: Multipotential stem cells from the adult mouse brain proliferate and self-renew in response to basic fibroblast growth factor

AUTHOR(S): Gritti, Angela; Parati, E. A.; Cova, L.; Frolichsthal, P.; Galli, R.; Wanke, E.; Faravelli, L.; Morassutti, D. J.; Roisen, F.; et al.

CORPORATE SOURCE: Lab. Cell. Neuropharmacol., Natl. Neurological Inst. C. Besta, Milan, 20133, Italy

SOURCE: Journal of Neuroscience (1996), 16(3), 1091-100

CODEN: JNRSDS; ISSN: 0270-6474

PUBLISHER: Society for Neuroscience

DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:604670 CAPLUS

DOCUMENT NUMBER: 123:1848

TITLE: Establishment and characterization of a multipotential neural cell line that can conditionally generate **neurons, astrocytes, and oligodendrocytes in vitro**

AUTHOR(S): Nakafuku, M.; Nakamura, S.

CORPORATE SOURCE: Department Biochemistry Cellular Biology, National Institute Neuroscience, National Center Neurology Psychiatry, Tokyo, Japan

SOURCE: Journal of Neuroscience Research (1995), 41(2), 153-68

CODEN: JNREDK; ISSN: 0360-4012

PUBLISHER: Wiley-Liss

DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:272262 CAPLUS

DOCUMENT NUMBER: 122:52359

TITLE: Retinoic acid regulates the development of **oligodendrocyte** precursor cells in **vitro**

AUTHOR(S): Laeng, P.; Decimo, D.; Pettmann, B.; Janet, T.; Labourdette, G.

CORPORATE SOURCE: Lab. of Ontogenic Neurobiology, Centre of Neurochemistry, Strasbourg, Fr.

SOURCE: Journal of Neuroscience Research (1994), 39(6), 613-33

CODEN: JNREDK; ISSN: 0360-4012

PUBLISHER: Wiley-Liss

DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 24 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1994:262177 CAPLUS

DOCUMENT NUMBER: 120:262177

TITLE: Ciliary **neurotrophic** factor and leukemia inhibitory factor promote the generation, maturation and survival of **oligodendrocytes** in **vitro**

AUTHOR(S): Mayer, Margot; Bhakoo, Kishore; Noble, Mark

CORPORATE SOURCE: Ludwig Inst. Cancer Res., London, W1P 8BT, UK

SOURCE: Development (Cambridge, UK) (1994), 120(1), 143-53

CODEN: DEVPED; ISSN: 0950-1991

DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1994:5770 CAPLUS

DOCUMENT NUMBER: 120:5770

TITLE: Expression of **neuromodulin** (GAP-43) and its regulation by basic fibroblast growth factor during the **differentiation** of O-2A progenitor cells

AUTHOR(S): Deloulme, J. C.; Laeng, P.; Janet, T.; Sensenbrenner, M.; Baudier, J.

CORPORATE SOURCE: Lab. Neurobiol. Ontogen., Cent. Neurochim., Strasbourg, Fr.

SOURCE: J. Neurosci. Res. (1993), 36(2), 147-62  
CODEN: JNREDK; ISSN: 0360-4012

DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 26 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:4594 CAPLUS

DOCUMENT NUMBER: 118:4594

TITLE: Down-regulation of the POU transcription factor SCIP is an early event in **oligodendrocyte differentiation in vitro**

AUTHOR(S): Collarini, Ellen J.; Kuhn, Rainer; Marshall, Caroline J.; Monuki, Edwin S.; Lemke, Greg; Richardson, William D.

CORPORATE SOURCE: Dep. Biol., Univ. Coll. London, London, WC1E 6BT, UK

SOURCE: Development (Cambridge, UK) (1992), 116(1), 193-200

CODEN: DEVPED; ISSN: 0950-1991

DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 27 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1992:484239 CAPLUS

DOCUMENT NUMBER: 117:84239

TITLE: Cooperation between PDGF and FGF converts slowly dividing O-2Adult progenitor cells to rapidly dividing cells with characteristics of O-2Aperinatal progenitor cells

AUTHOR(S): Wolswijk, Guus; Noble, Mark

CORPORATE SOURCE: Ludwig Inst. Cancer Res., Middlesex Hosp., London, W1P 8BT, UK

SOURCE: J. Cell Biol. (1992), 118(4), 889-900

CODEN: JCLBA3; ISSN: 0021-9525

DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 28 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1992:483739 CAPLUS

DOCUMENT NUMBER: 117:83739

TITLE: Effects of acidic and basic fibroblast growth factors (aFGF, bFGF) on glial precursor cell proliferation: age dependency and brain region specificity

AUTHOR(S): Engele, Juergen; Bohn, Martha Churchill

CORPORATE SOURCE: Med. Cent., Univ. Rochester, Rochester, NY, 14642, USA

SOURCE: Dev. Biol. (1992), 152(2), 363-72

CODEN: DEBIAO; ISSN: 0012-1606

DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 29 OF 30 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1992:169513 CAPLUS

DOCUMENT NUMBER: 116:169513

TITLE: CG-4, a new bipotential glial cell line from rat

brain, is capable of **differentiating** in  
**vitro** into either mature  
**oligodendrocytes** or type-2 **astrocytes**  
AUTHOR(S): Louis, J. C.; Magal, E.; Muir, D.; Manthorpe, M.;  
Varon, S.  
CORPORATE SOURCE: Dep. Biol., Univ. California, San Diego, La Jolla, CA,  
92093, USA  
SOURCE: J. Neurosci. Res. (1992), 31(1), 193-204  
CODEN: JNREDK; ISSN: 0360-4012  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L15 ANSWER 30 OF 30 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1990:492014 CAPLUS  
DOCUMENT NUMBER: 113:92014  
TITLE: Extracellular matrix-associated molecules collaborate  
with ciliary **neurotropic** factor to induce  
type-2 **astrocyte** development  
AUTHOR(S): Lillien, Laura E.; Sendtner, Michael; Raff, Martin C.  
CORPORATE SOURCE: Biol. Dep., Univ. Coll. London, London, WC1E 6BT, UK  
SOURCE: J. Cell Biol. (1990), 111(2), 635-44  
CODEN: JCLBA3; ISSN: 0021-9525  
DOCUMENT TYPE: Journal  
LANGUAGE: English

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB; PLUR=YES; OP=OR</i>			
<u>L22</u>	L21 AND oligodendrocyt\$	586	<u>L22</u>
<u>L21</u>	L20 AND neuro\$	2630	<u>L21</u>
<u>L20</u>	astrocyt\$	2963	<u>L20</u>
<u>L19</u>	L16 AND bFGF	90	<u>L19</u>
<u>L18</u>	L16 AND FGF-2	39	<u>L18</u>
<u>L17</u>	L16 AND FGF-2 or bFGF	2095	<u>L17</u>
<u>L16</u>	astrocytes AND multipotent	125	<u>L16</u>
<u>L15</u>	L13 AND multipotent	31	<u>L15</u>
<u>L14</u>	L13 AND transdifferentiate	0	<u>L14</u>
<u>L13</u>	L12 AND oligodendrocytes	44	<u>L13</u>
<u>L12</u>	L10 AND neurons	100	<u>L12</u>
<u>L11</u>	L10 AND differentiate	97	<u>L11</u>
<u>L10</u>	L9 AND FGF-2	119	<u>L10</u>
<u>L9</u>	astrocytes AND py<=2000	1784	<u>L9</u>
<u>L8</u>	L5 AND @py<=2000	49	<u>L8</u>
<u>L7</u>	L6 AND PY<2000	113	<u>L7</u>
<u>L6</u>	L5 AND method	113	<u>L6</u>
<u>L5</u>	L4 AND differentiate	113	<u>L5</u>
<u>L4</u>	L3 AND bFGF	150	<u>L4</u>
<u>L3</u>	L2 AND oligodendrocyte	432	<u>L3</u>
<u>L2</u>	L1 AND neuron	1081	<u>L2</u>
<u>L1</u>	(astrocyte?)	1631	<u>L1</u>

END OF SEARCH HISTORY